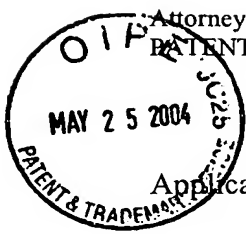


IPW



23646

PATENT TRADEMARK OFFICE



Attorney Docket No. 29083/41796

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Emanoil Surducan et al.

MAY 25 2004

Serial No.: 10/718,568 Art Unit: 2800

Filed: November 24, 2003 Examiner:

For: MODIFIED PRINTED DIPOLE ANTENNAS FOR WIRELESS  
MULTI-BAND COMMUNICATION SYSTEMS

**SUBMISSION UNDER 37 C.F.R. 1.56, 1.97 & 1.98**  
**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

To comply with the duty of disclosure set forth in 37 C.F.R. 1.56, the prior art listed on the attached PTO-1449 is submitted herewith to the Examiner for consideration in connection with the examination of the above-identified application.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 02-1010 (29083/41796).

Respectfully submitted,

BARNES & THORNBURG LLP

Perry Palan  
Reg. No. 26,213  
(202) 289-1313

Enclosure

<small>FORM PTO-1449</small> <small>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</small>		<small>ATTY DOCKET NO.</small> <b>29083/41796</b>		<small>SERIAL NO.</small> <b>10/718,568</b>	
<b>LIST OF DOCUMENTS CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				<small>APPLICANT</small> <b>Emanoil Surducan et al.</b>	
<small>FILING DATE</small> <b>November 24, 2003</b>				<small>GROUP</small> <b>2800</b>	

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 MAY 25 2004  
 PATENT & TRADEMARK OFFICE

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	AB	5,030,962	07/09/1991	Rees		
	AC	5,949,383	09/07/1999	Hayes et al.		
	AD	5,986,606	11/16/1999	Kossiavas et al.		
	AE	6,072,434	06/06/2000	Papatheodorou		
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	AR					YES	NO
	AS						
	AT						



**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AU	Smith, K.: "Antennas for low power applications," RFM®, AN36A-070898 (undated).
	AV	Wang, H.Y. et al.: "Simulation of microstrip small antennas," Vector Fields Limited, UK, APP-025-06-02 (undated).
	AW	McKinzie, W. et al.: "Novel packaging approaches for miniature antennas," IMAPS/SMTA Conf. on Telecom Hardware Solutions, Plano, TX (May 2002).
	AX	Dietrich, C.B. et al.: "Trends in antennas for wireless communications," Microwave Journal (Jan. 2003).
	AY	Fiedziuszko, S.J. et al.: "Dielectric materials, devices, and circuits," IEEE Trans. Microwave Theory Tech., vol. 50, pp. 706-719 (March 2002).
	AZ	Kaneda, N. et al.: "A broad-band planar quasi-Yagi antenna," IEEE Trans. Antennas Propagat., vol. 50, pp. 1158-1160 (Aug. 2002).
	BA	Li, R. et al.: "Development and analysis of a folded shorted-patch antenna with reduced size," School of Electrical & Computer Engineering, Georgia Institute of Technology, Atlanta, GA (undated).
	BB	Wong, K.: "Planar antennas for WLAN applications," Dept. of Electrical Engineering, Nat'l Sun Yat-Sen University, Kaohsiung, Taiwan (2002)
EXAMINER:		DATE CONSIDERED:
<p><b>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b></p>		